



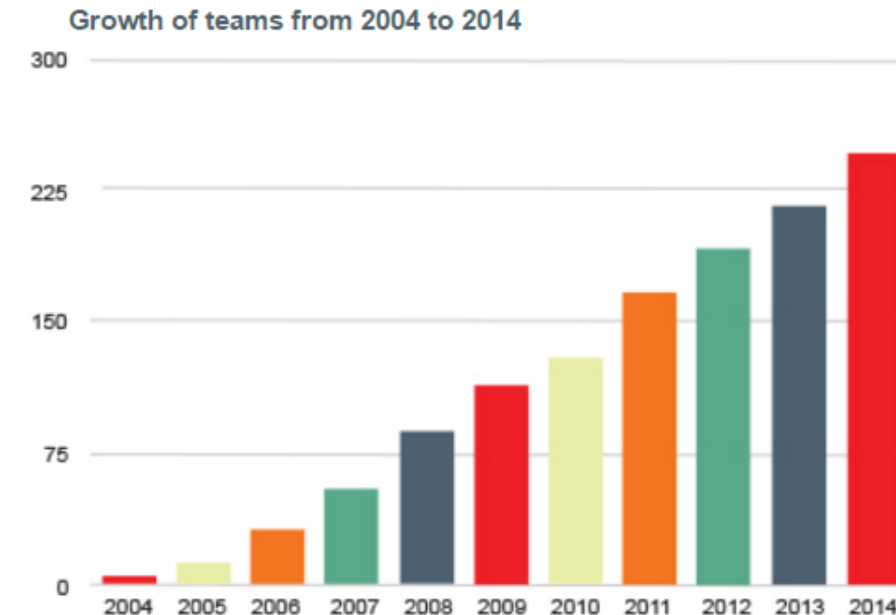
Synthetic Biology

Putting the engineering back into genetic engineering

iGEM-International Genetically Engineered Machine



- iGEM competition is a worldwide synthetic biology competition
- Undergraduate university students, overgraduates, as well as high school students
- iGEM began in 2003 as an MIT undergraduate course with 5 teams.
- In 2015, there were 250 teams from 5 continents.
- A total of 27,000 people have participated in iGEM as students, instructors, or advisors with 5000 participants in 2015 alone.
- Dozens of scientific articles published and more than 18 startup companies founded by iGEM teams





OMG! Did your stuff work? It probably would be so much better here I couldn't try the other location

Get everything on ICE

11-20-2007

Emergency Surgery

Emergency Surgery

S.Tar

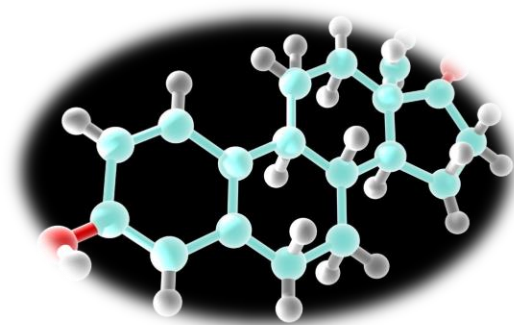
A platform for accurate, fast, easy and cheap detection of specific chemicals



Water Pollutants



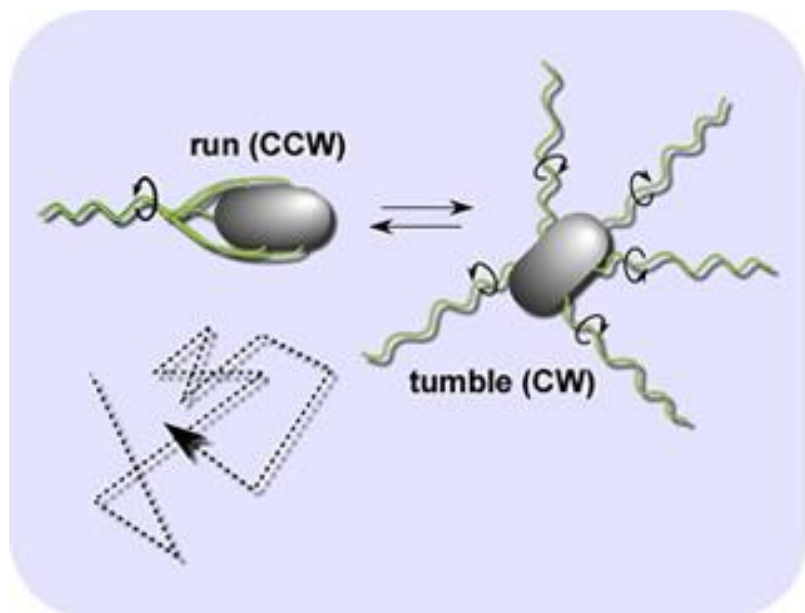
Forensic



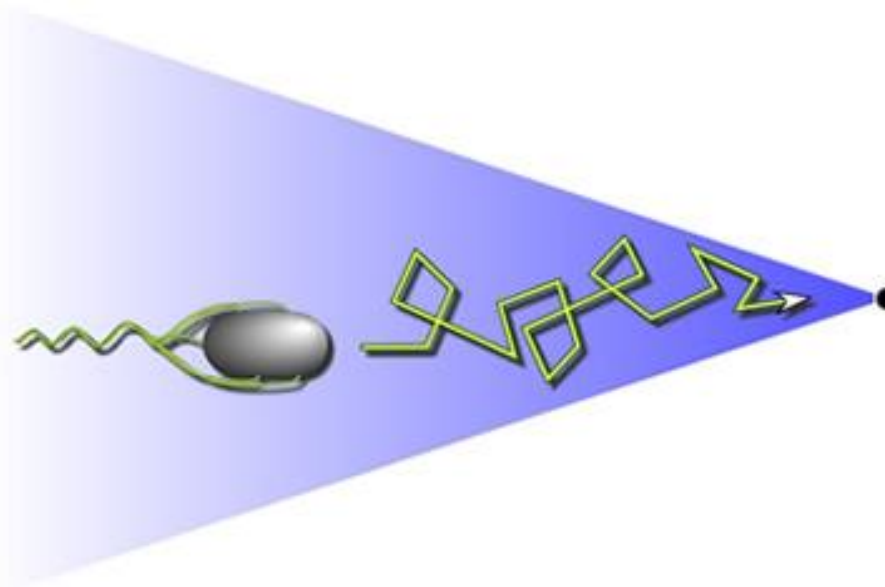
Hormones

Chemotaxis

The ability of a cell to move away from repellents and towards attractants



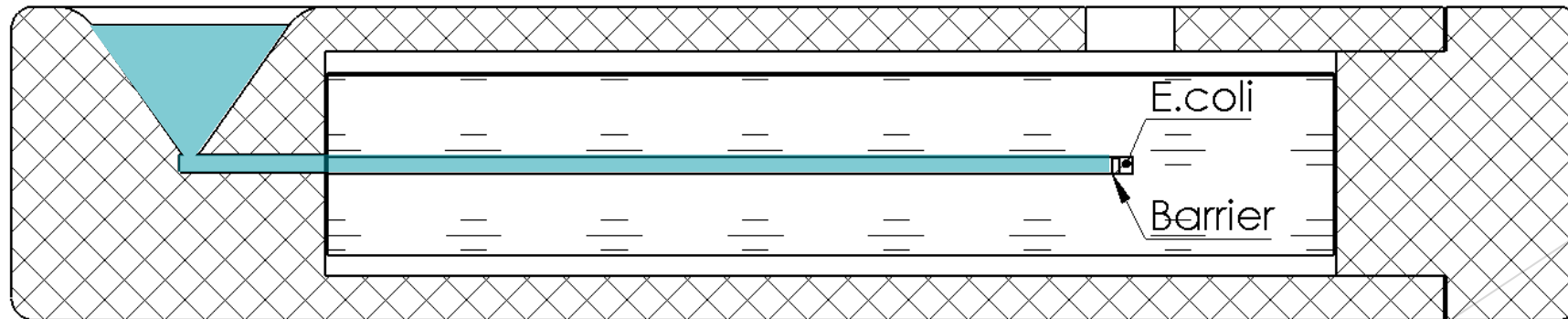
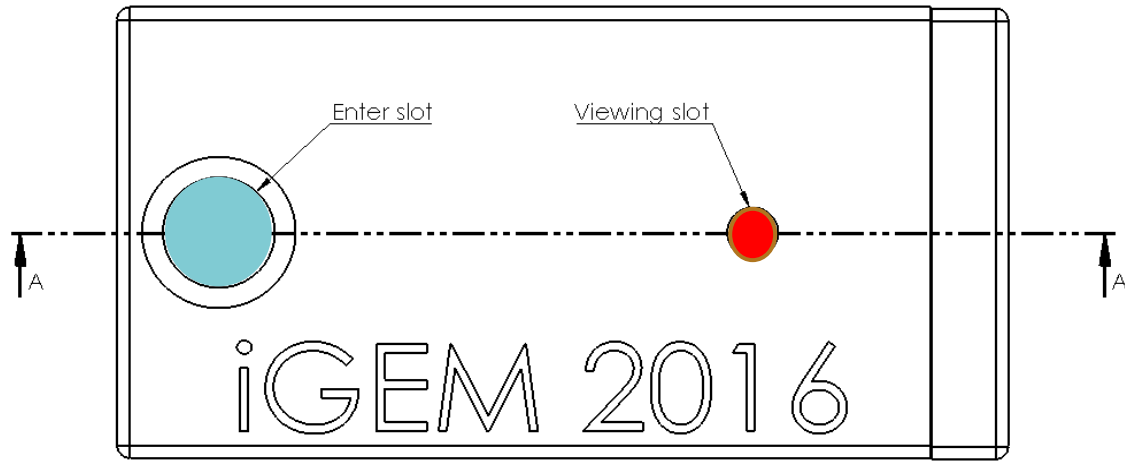
Random movement



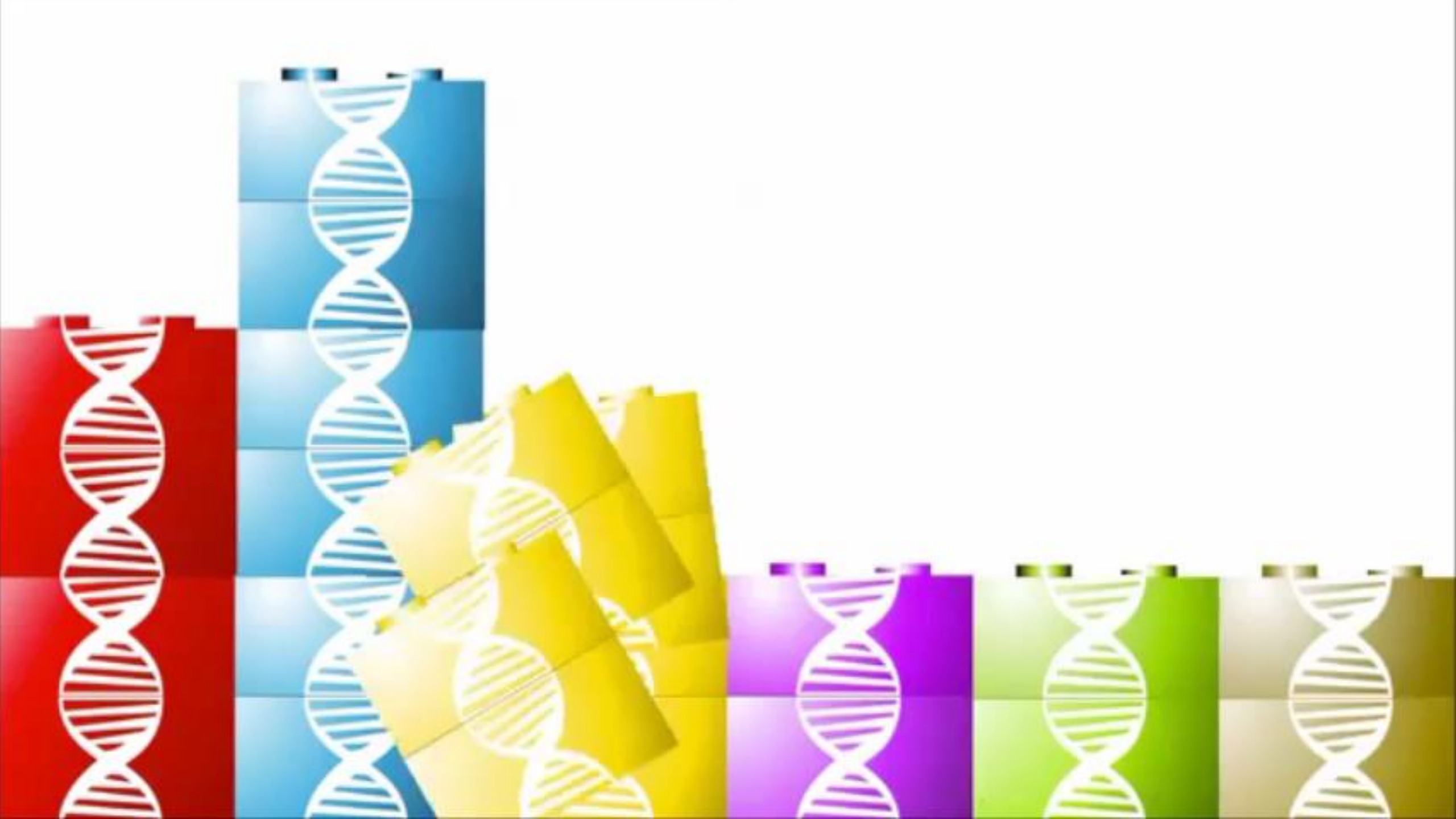
Move towards attractant

Our Project

Chip



SECTION A-A



Brainstorming... What can you do with synthetic Biology?



Make your Advertisement



Now lets get our hands dirty!

